

FIG. 1a

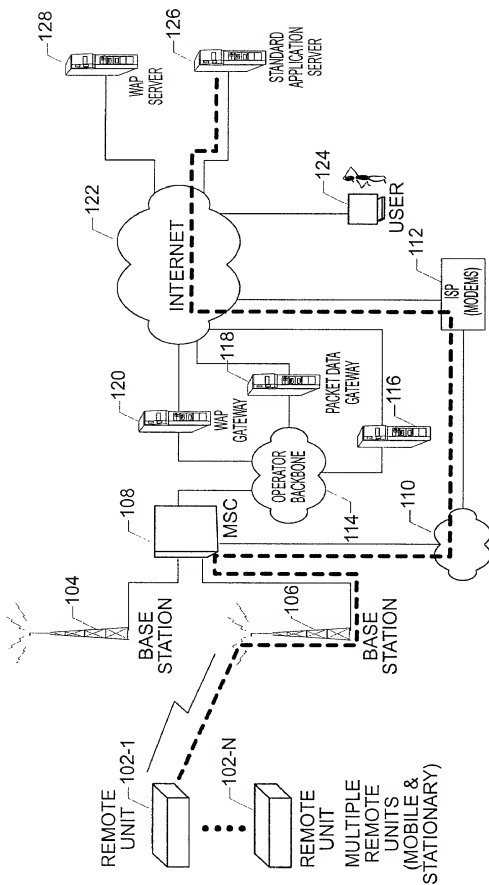


FIG. 1b

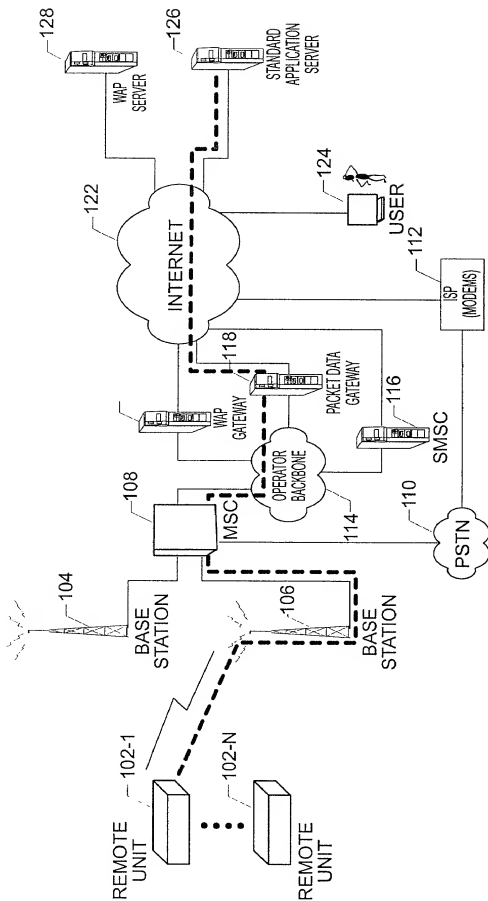


FIG. 1c

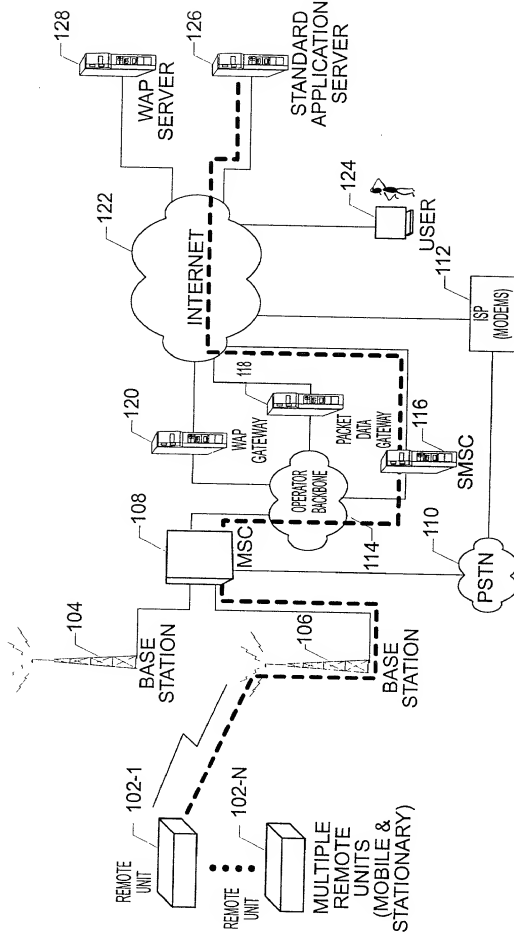


FIG. 1d

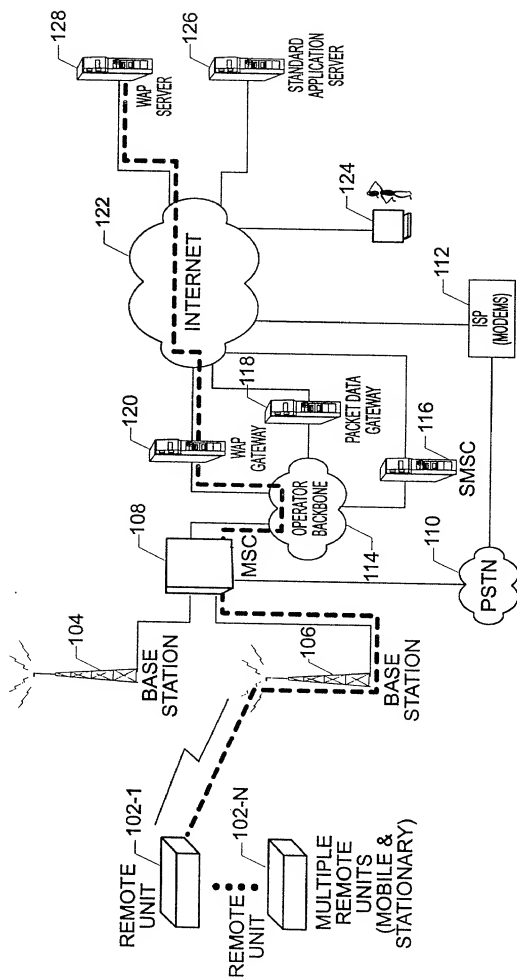


FIG. 1e

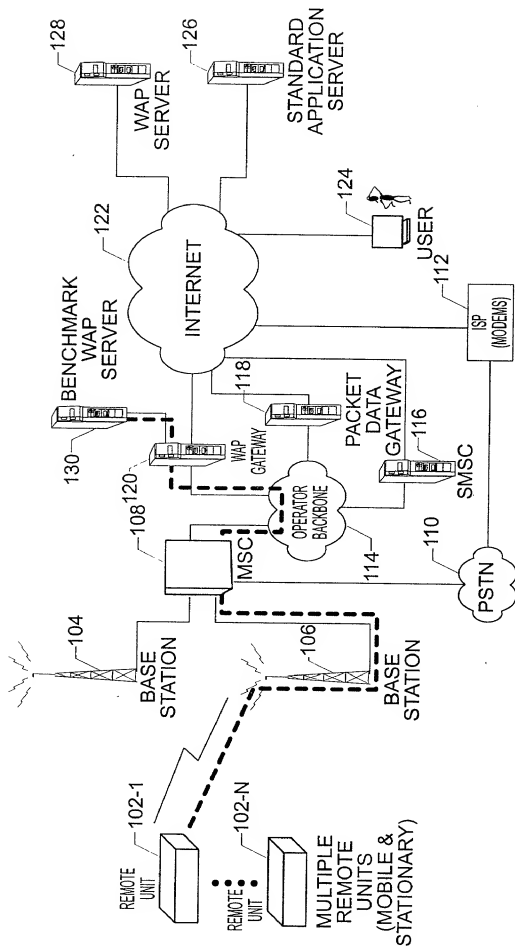


FIG. 1f

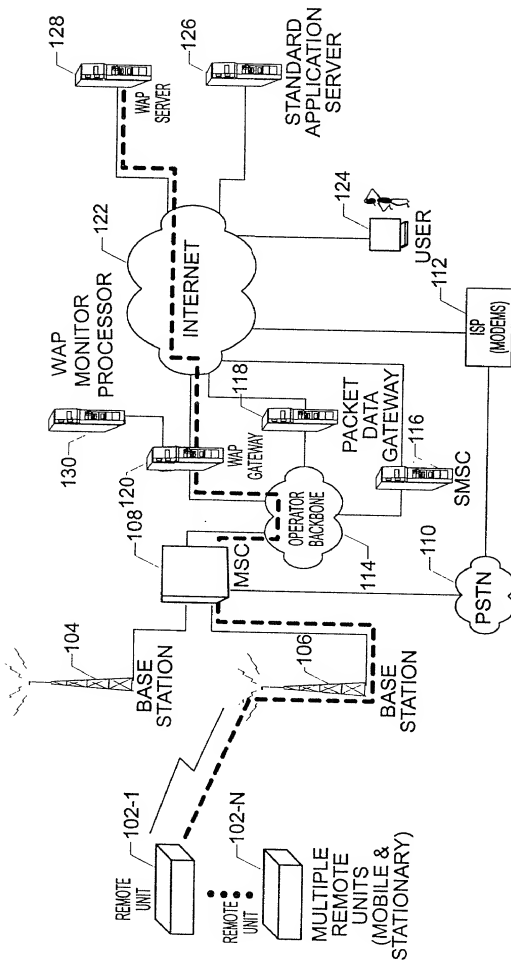


FIG. 19

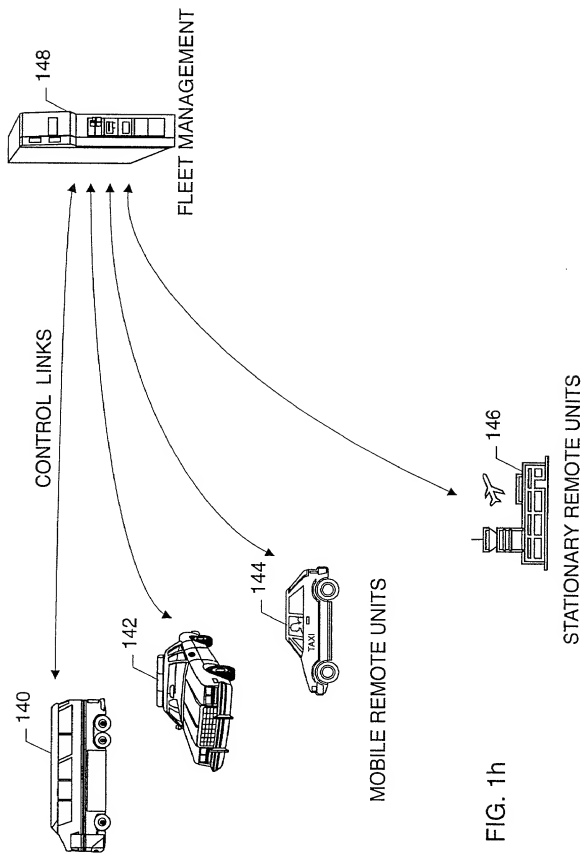


FIG. 1h

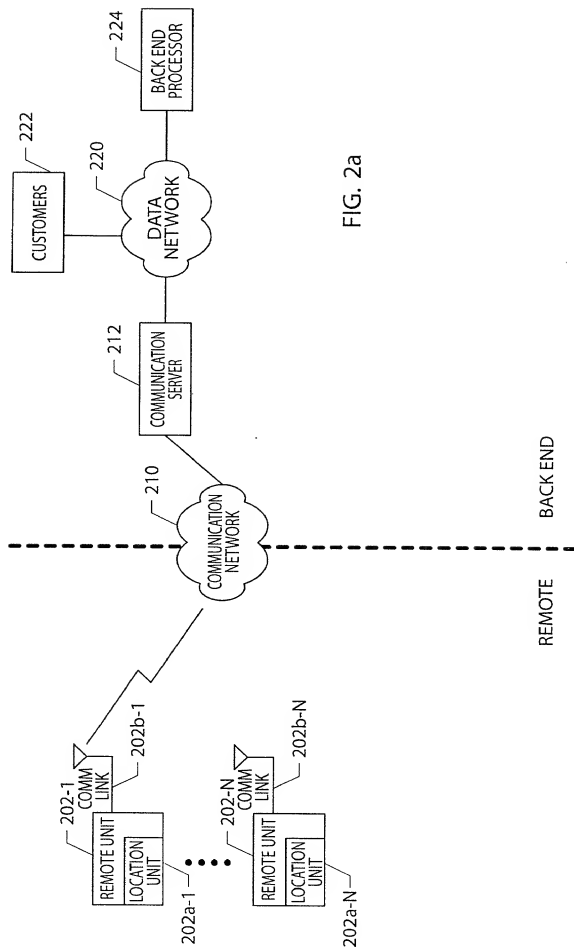


FIG. 2a

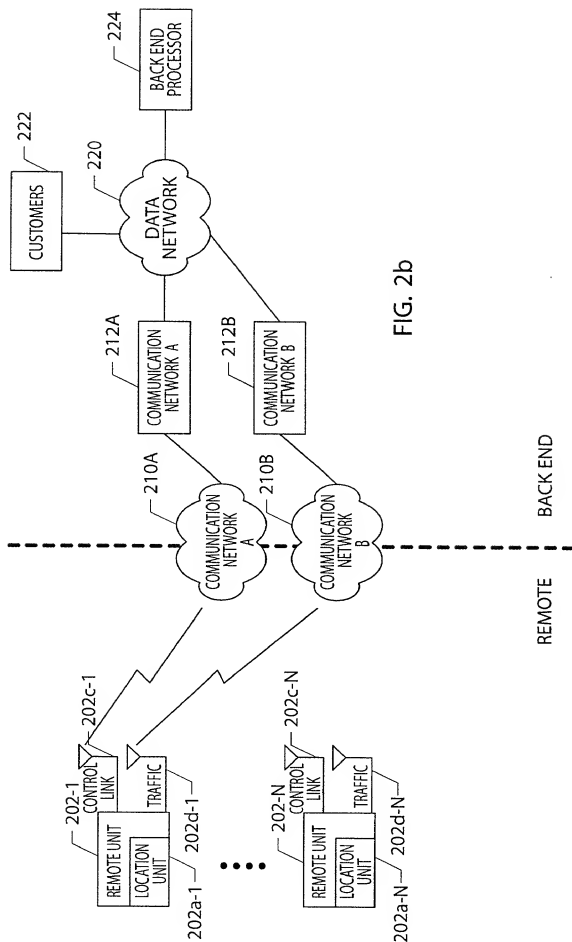
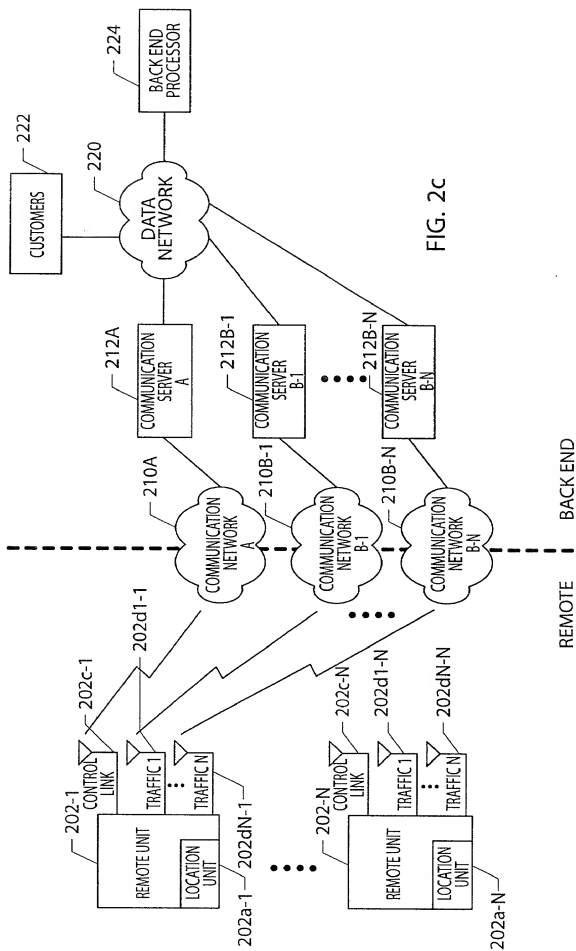
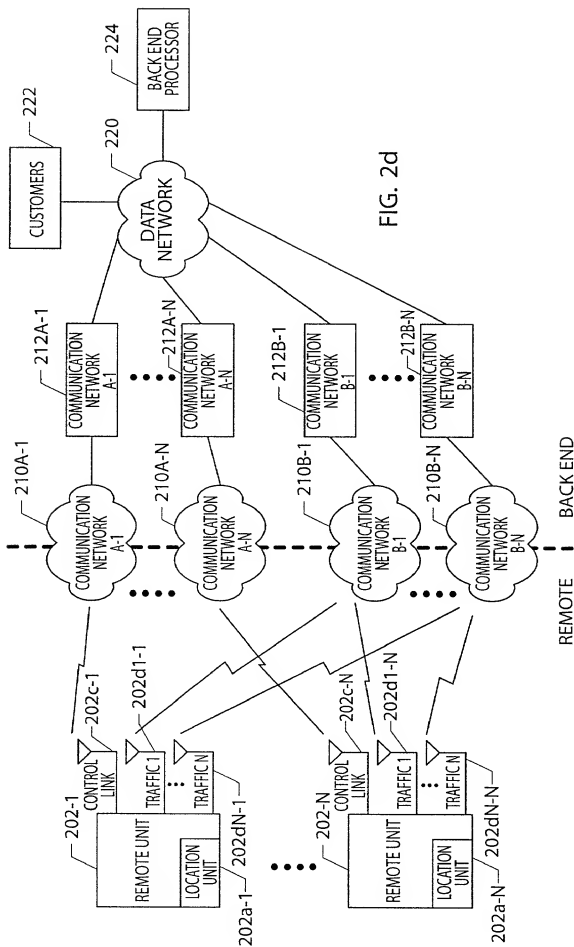


FIG. 2b





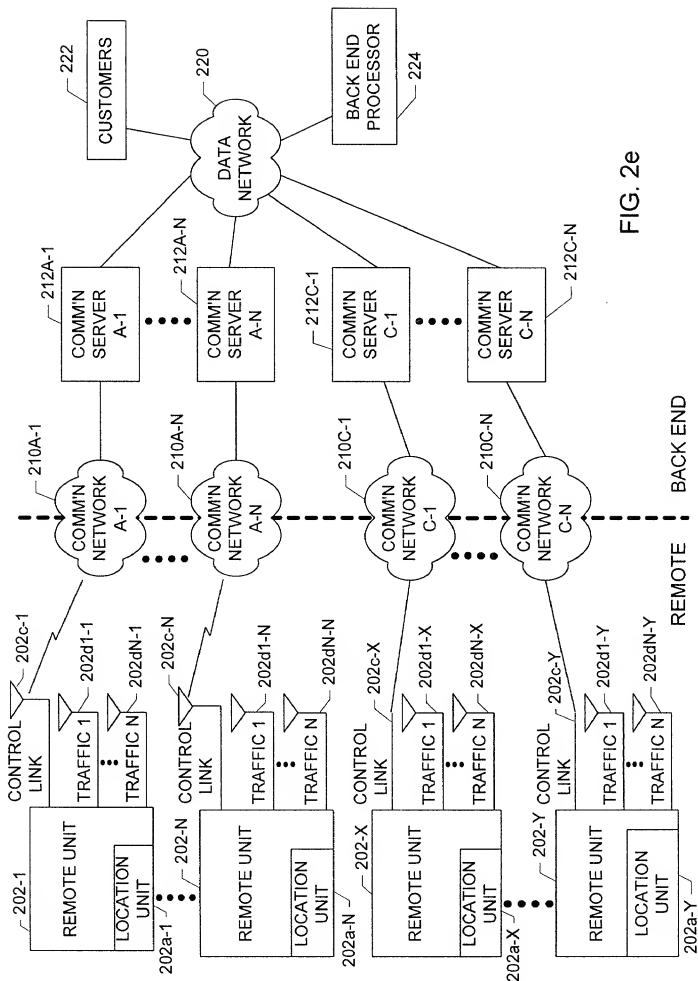


FIG. 2e

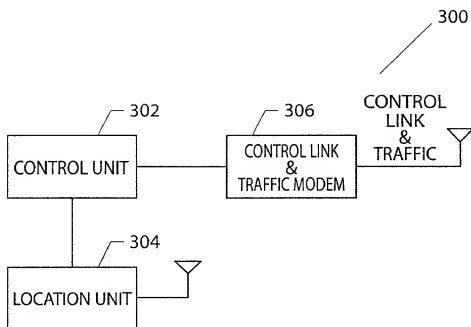


FIG. 3a

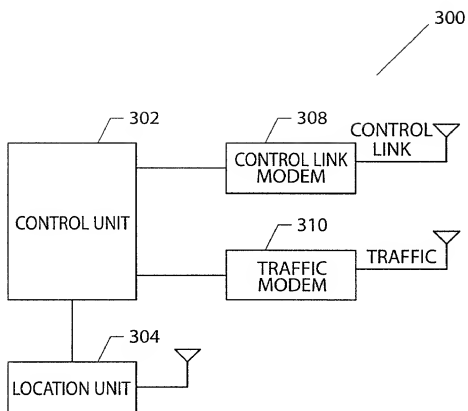


FIG. 3b

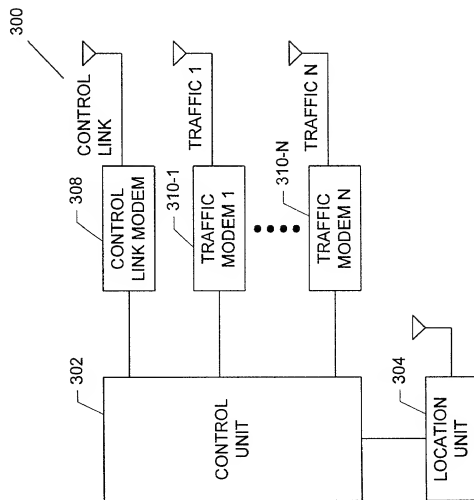


FIG. 3c

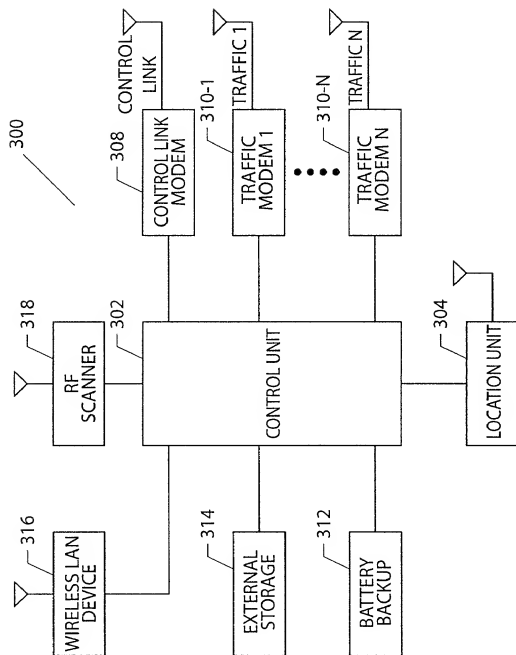


FIG. 3d

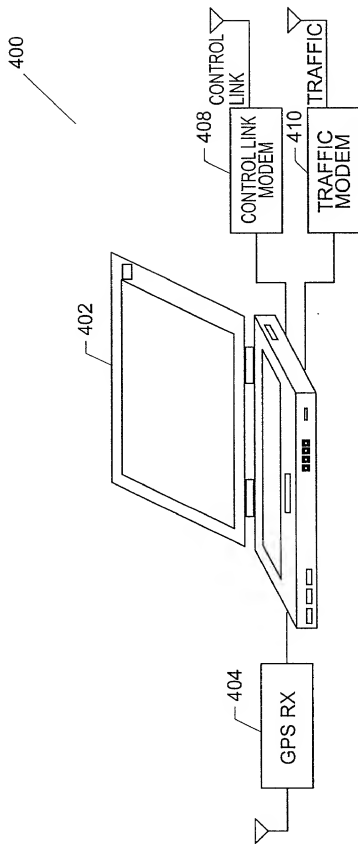


FIG. 4a

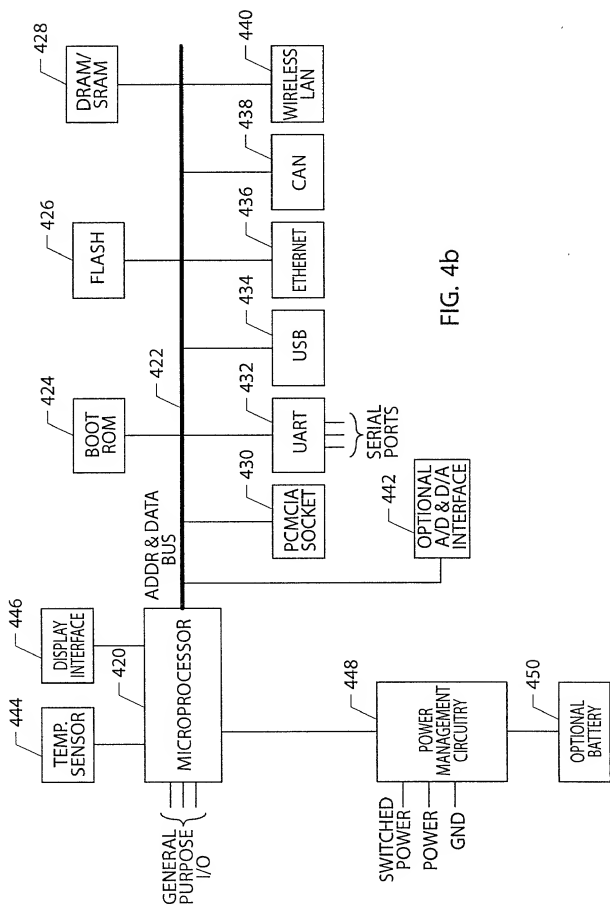


FIG. 4b

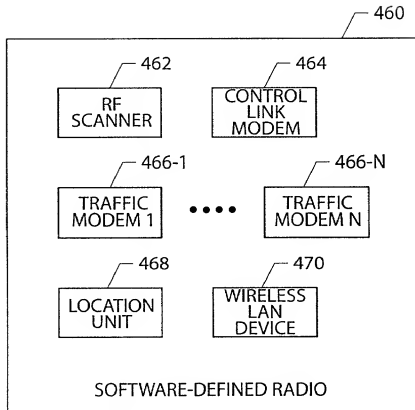


FIG. 4c

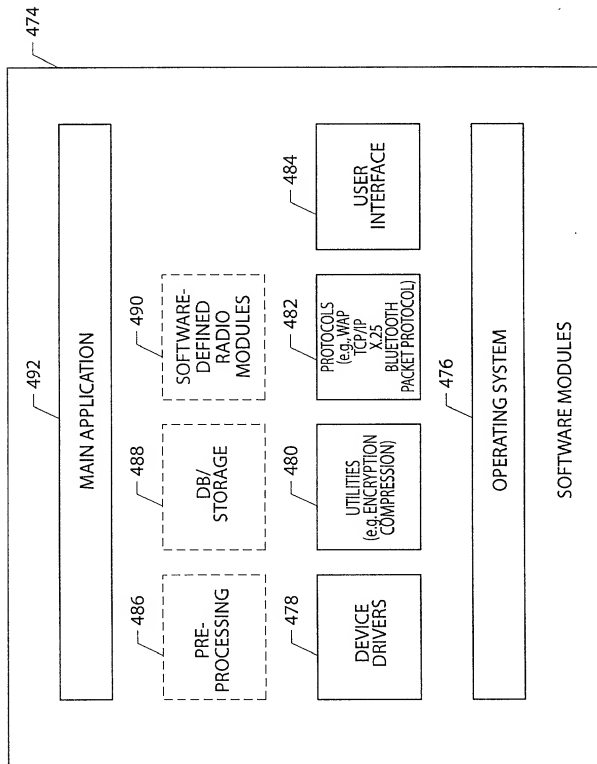


FIG. 4d

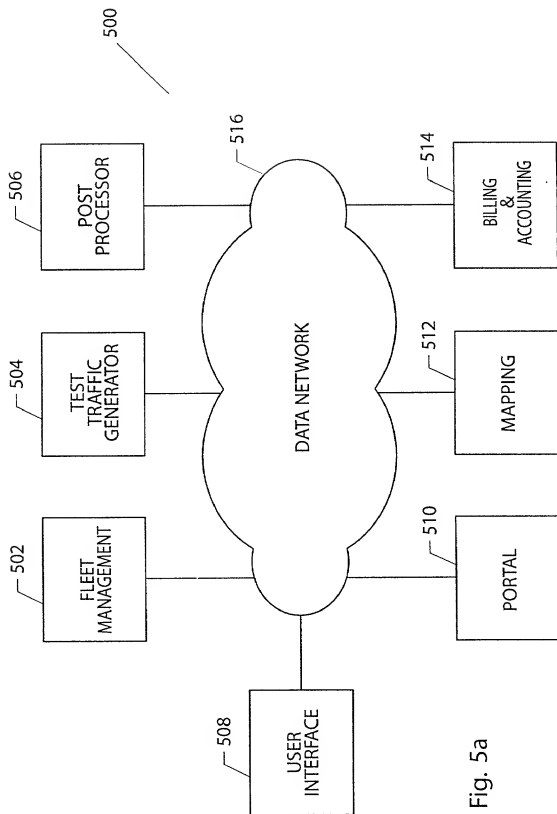
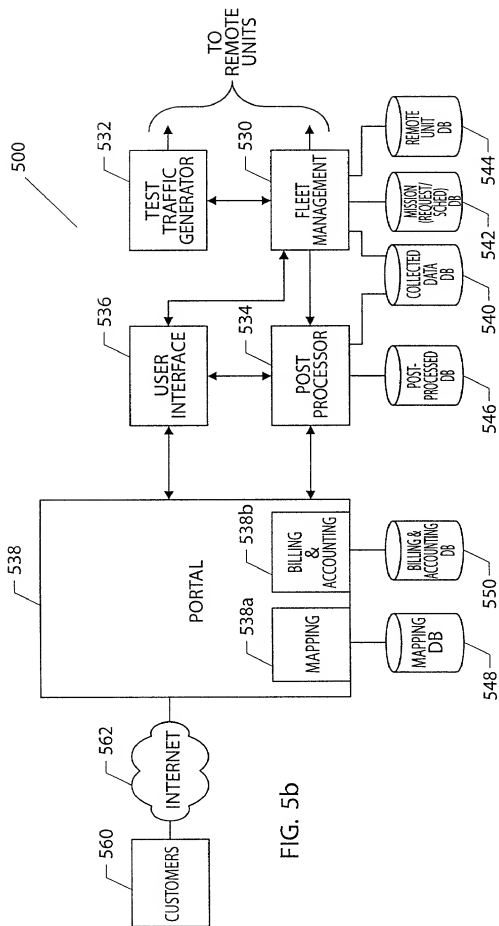


Fig. 5a



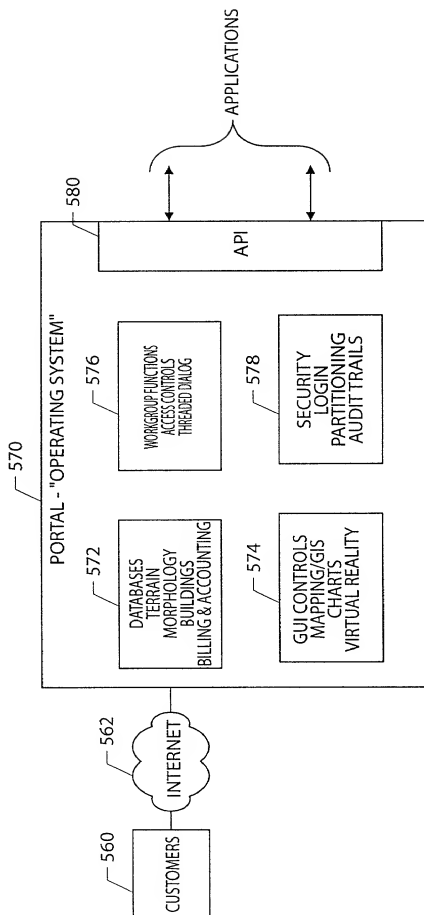


FIG. 5c

REMOTE UNIT ORIGINATED PACKET 610

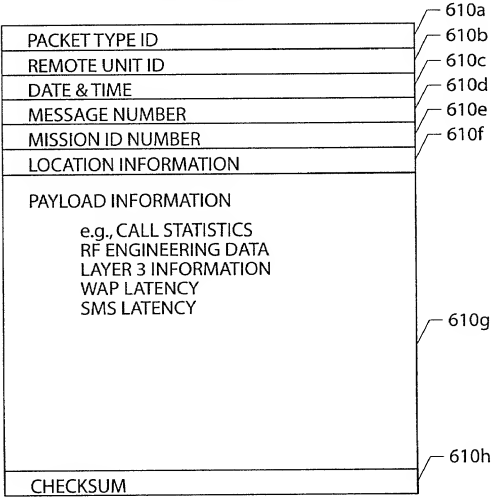


FIG. 6a

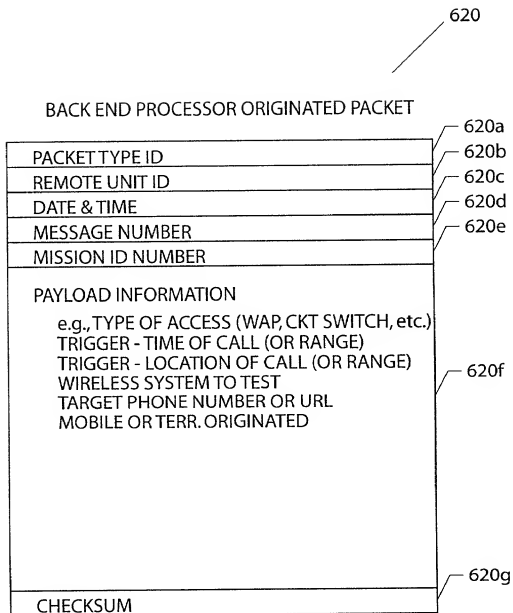


FIG. 6b

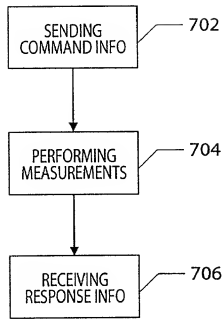


FIG. 7a

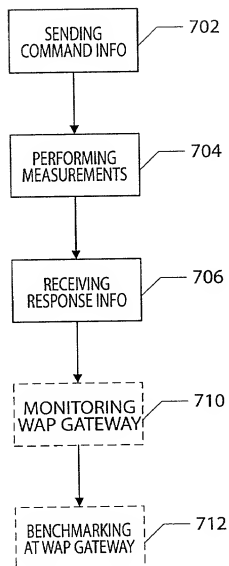


FIG. 7b

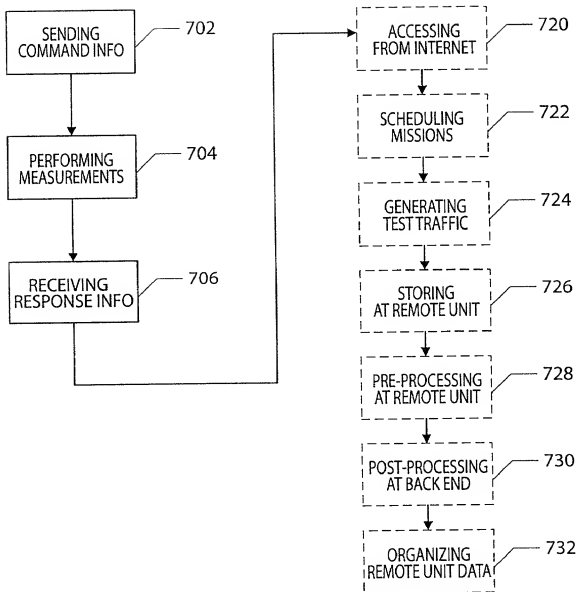


FIG. 7c

810

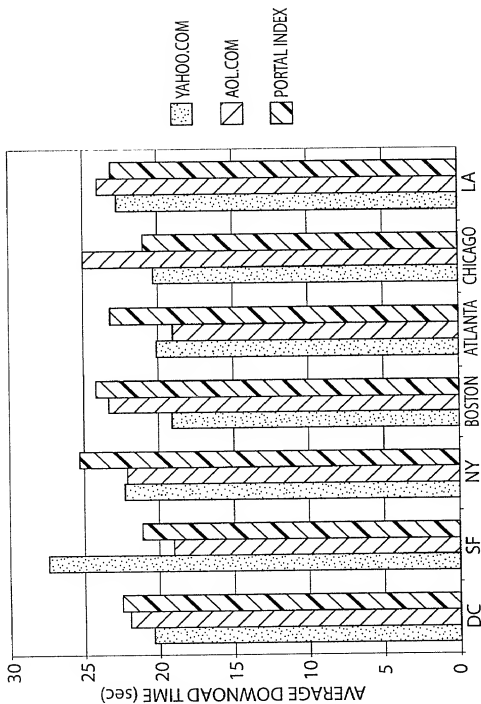


FIG. 8a

SERVICE: COMPARE PORTALS
 REPORT: DOWNLOAD TIME
 BY: CITY
 BY: ALL CARRIERS
 FREQUENCY: 15 MINUTES
 TIME: 6 AM - 12 PM
 PERIOD: 03/01/00 - 03/07/00
 BENCHMARK: PORTAL INDEX
 AOL.COM

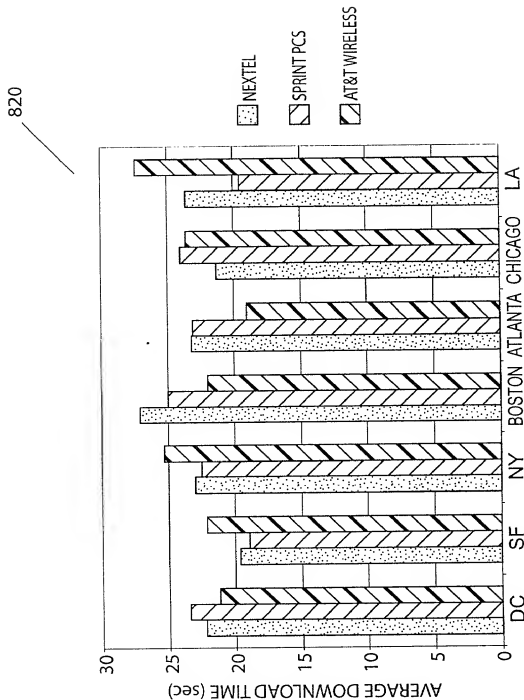


FIG. 8b

URL: YAHOO.COM
 SERVICE: COMPARE WIRELESS
 OPERATORS
 REPORT: DOWNLOAD TIME
 BY: CITY
 BY: CARRIER
 FREQUENCY: 30 MINUTES
 TIME: 6 AM - 9 PM
 PERIOD: 03/01/00 - 03/07/00

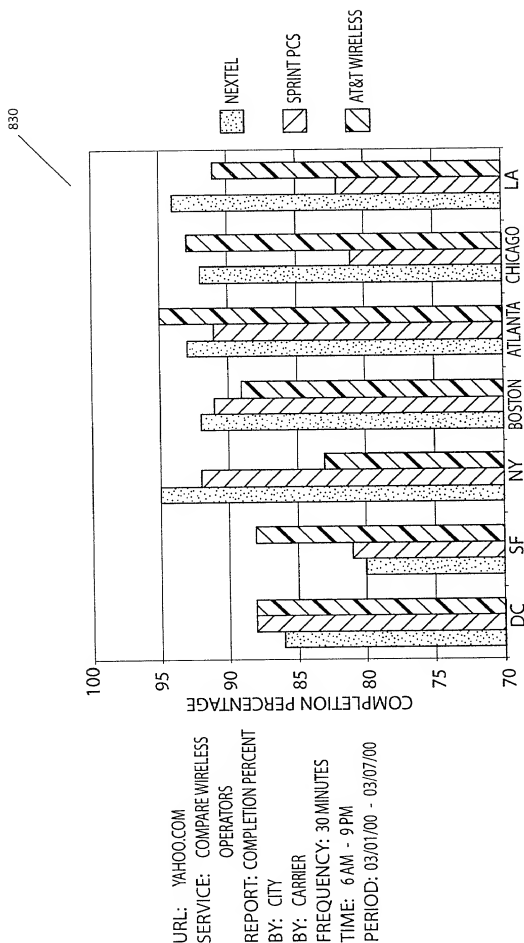


FIG. 8c

109020*55666860

33/42

840

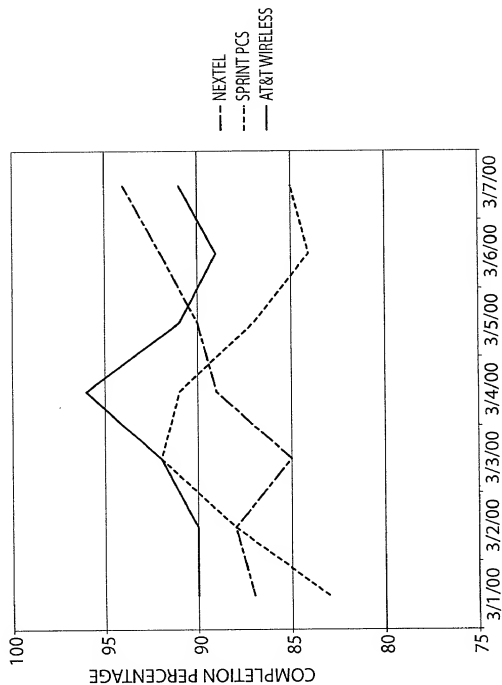


FIG. 8d

URL: YAHOO.COM
SERVICE: TREND WIRELESS
OPERATORS
REPORT: COMPLETION PERCENT
BY: CITY
BY: CARRIER
FREQUENCY: 15 MINUTES
TIME: 6 AM - 9 PM
PERIOD: 03/01/00 - 03/07/00

109020"5566860

34/42

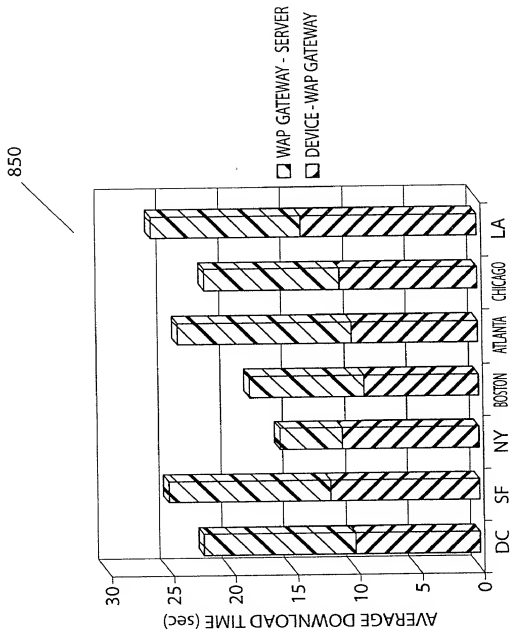


FIG. 8e

URL: YAHOO.COM
SERVICE: GATEWAY BREAKDOWN
REPORT: DOWNLOAD TIME
COMPONENTS 1
BY: CITY
CARRIER: NEXTEL
FREQUENCY: 60 MINUTES
TIME: 12 PM - 12 PM
PERIOD: 03/01/00 - 03/07/00

URL: YAHOO.COM
 SERVICE: ERROR STATS
 REPORT: ERROR REPORT
 BY: ALL CITIES
 CARRIER: ALL CARRIERS
 FREQUENCY: 60 MINUTES
 TIME: 12 PM - 12 PM
 PERIOD: 03/01/00 - 03/07/00

860

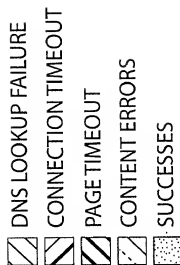
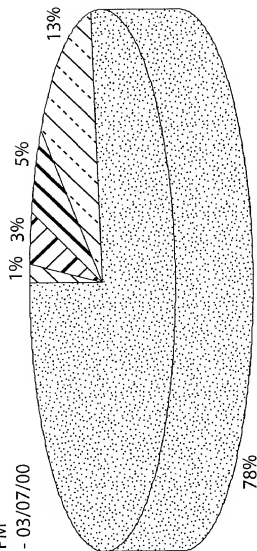


FIG. 8f

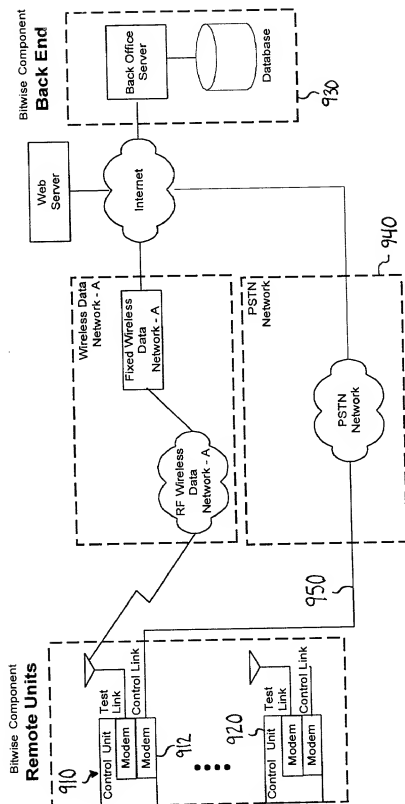


FIG. 9

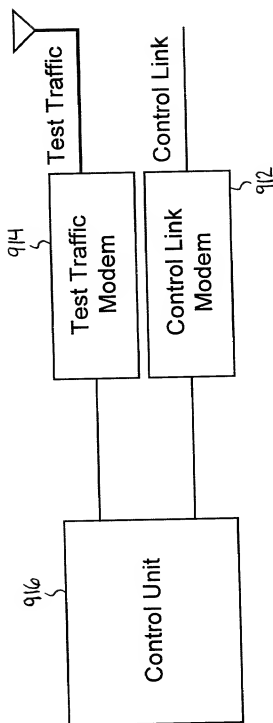


FIG. 10

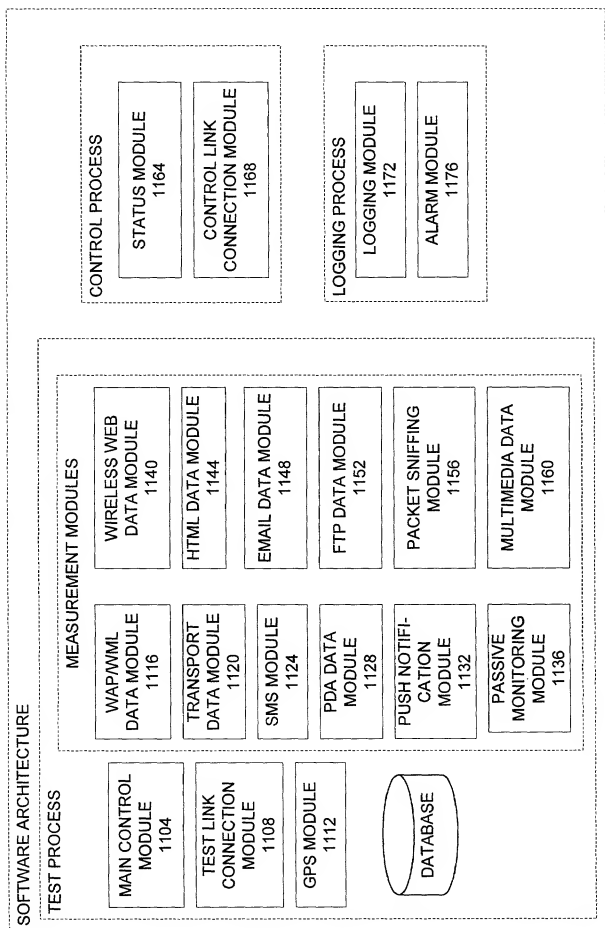


FIG. 11

Hardware Architecture

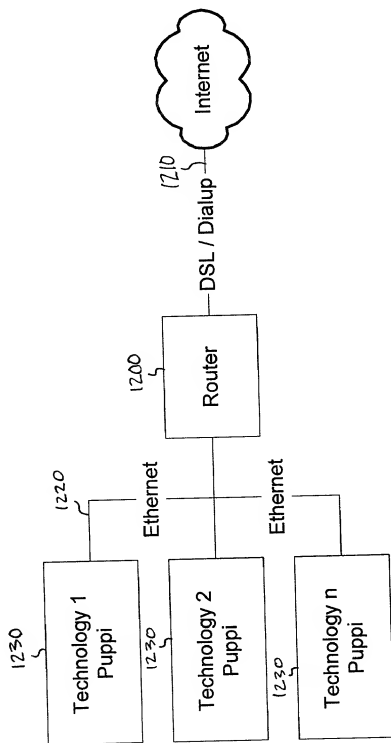


FIG. 12

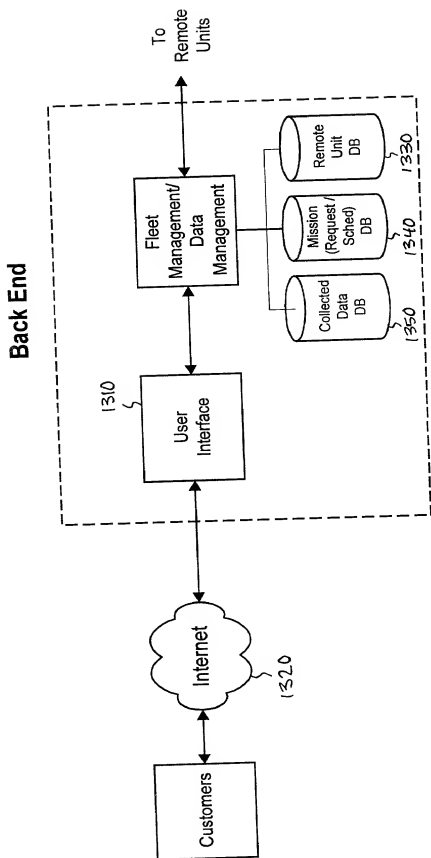


FIG. 13

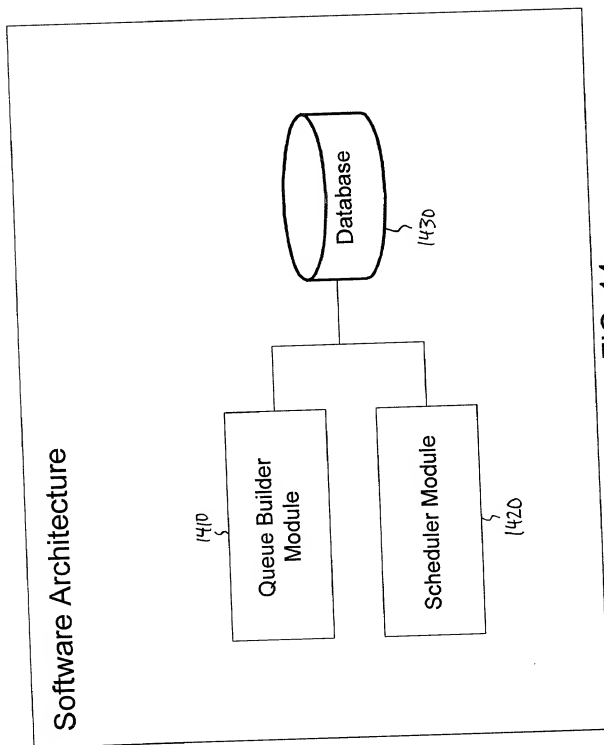


FIG. 14

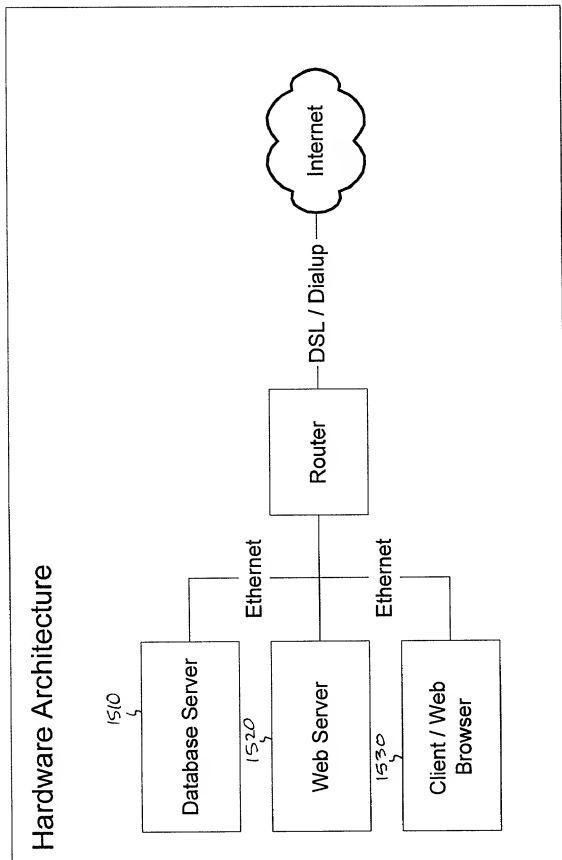


FIG. 15